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APPLICATION NO. FILING DATE FIRST NAMED INVENTOR ATTORNEY DOCKET NO. CONFIRMATION NO. 10/642,394 08/14/2003 Michele Boscolo 856063.750 9499 500 7590 11/19/2004 EXAMINER SEED INTELLECTUAL PROPERTY LAW GROUP PLLC NGUYEN, PATRICIA T 701 FIFTH AVE ART UNIT PAPER NUMBER SUITE 6300 ART UNIT PAPER NUMBER SEATTLE, WA 98104-7092 2817	 					
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SEED INTELLECTUAL PROPERTY LAW GROUP PLLC 701 FIFTH AVE SUITE 6300 ART UNIT PAPER NUMBER	10/642,394	08/14/2003	Michele Boscolo	856063.750	9499	
701 FIFTH AVE SUITE 6300 ART UNIT PAPER NUMBER	500 7	11/19/2004		EXAMINER		
SUITE 6300 ART UNIT PAPER NUMBER	-	701 FIFTH AVE			NGUYEN, PATRICIA T	
SEATTLE, WA 98104-7092 2817					PAPER NUMBER	
	SEATTLE, WA 98104-7092			2817	***	

DATE MAILED: 11/19/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

	Application No.	Applicant(s)			
	10/642,394	BOSCOLO ET AL.			
Office Action Summary	Examiner	Art Unit			
	Patricia T Nguyen	2817			
The MAILING DATE of this communication app Period for Reply	pears on the cover sheet with the c	correspondence address			
A SHORTENED STATUTORY PERIOD FOR REPL' THE MAILING DATE OF THIS COMMUNICATION. - Extensions of time may be available under the provisions of 37 CFR 1.1: after SIX (6) MONTHS from the mailing date of this communication. - If the period for reply specified above is less than thirty (30) days, a reply - If NO period for reply is specified above, the maximum statutory period to - Failure to reply within the set or extended period for reply will, by statute Any reply received by the Office later than three months after the mailing earned patent term adjustment. See 37 CFR 1.704(b).	36(a). In no event, however, may a reply be timey within the statutory minimum of thirty (30) day will apply and will expire SIX (6) MONTHS from a cause the application to become ABANDONE	nely filed s will be considered timely. the mailing date of this communication. D (35 U.S.C. § 133).			
Status					
1) Responsive to communication(s) filed on					
	action is non-final.				
3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under <i>Ex parte Quayle</i> , 1935 C.D. 11, 453 O.G. 213.					
Disposition of Claims					
4) ☐ Claim(s) 1-20 is/are pending in the application 4a) Of the above claim(s) is/are withdray 5) ☐ Claim(s) 12-17 is/are allowed. 6) ☐ Claim(s) 1,4,9,10,18 and 19 is/are rejected. 7) ☐ Claim(s) 2,3,5-8,11 and 20 is/are objected to. 8) ☐ Claim(s) are subject to restriction and/o	wn from consideration.				
Application Papers	·				
9) The specification is objected to by the Examine 10) The drawing(s) filed on is/are: a) acc Applicant may not request that any objection to the Replacement drawing sheet(s) including the correct 11) The oath or declaration is objected to by the Examine 11.	epted or b) objected to by the drawing(s) be held in abeyance. Settion is required if the drawing(s) is objected.	e 37 CFR 1.85(a). jected to. See 37 CFR 1.121(d).			
Priority under 35 U.S.C. § 119					
12) Acknowledgment is made of a claim for foreign a) All b) Some * c) None of: 1. Certified copies of the priority document 2. Certified copies of the priority document 3. Copies of the certified copies of the priority application from the International Bureau * See the attached detailed Office action for a list	es have been received. Es have been received in Application its documents have been received u (PCT Rule 17.2(a)).	ion No ed in this National Stage			
Attachment(s) 1) Notice of References Cited (PTO-892) 2) Notice of Draftsperson's Patent Drawing Review (PTO-948) 3) Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) Paper No(s)/Mail Date	4) Interview Summary Paper No(s)/Mail D 5) Notice of Informal F 6) Other:				

Application/Control Number: 10/642,394

Art Unit: 2817

DETAILED ACTION

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless -

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

Claims 1, 4, 9, 10, 18, 19 are rejected under 35 U.S.C. 102(e) as being anticipated by Peritore et al., U.S. Patent # 6,479,954 B1.

Figs. 1 and 2 of Peritore et al. discloses an amplifier comprising: In Fig. 2, transistors MA, MB can be read as an input stage or a comparator; Driver amplifier can be read as a power stage; load VCM can be read as an inductive load; transistors M1, M2, OpAmp can be read as an output stage feedback on the input stage.

Claims 1, 4, 9, 10, 18, 19 are rejected under 35 U.S.C. 102(e) as being anticipated by Walters et al., U.S. Patent # 6,791,306 B2.

Fig. 4 of Walters et al. discloses an amplifier comprising: Error amplifier 130, comparator 10 can be read as an input stage or a comparator; Gate Drive 20 can be read as a power stage; inductor 50 can be read as an inductive load; amplifier 110 can be read as an output stage feedback on the input stage.

Application/Control Number: 10/642,394

Art Unit: 2817

Allowable Subject Matter

Claims 2, 3, 5-8, 11, 20 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

Claims 12-17 are allowed.

The following is a statement of reasons for the indication of allowable subject matter: prior art does not teach nor render obvious a transconductance amplifier that has, in combination with other limitations, a delay block or an inverter as claimed.

Conclusion

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. U.S. Patents # 5,959,443, # 6,222,356 B1, # 5,481,178, # 5,982,160 contain some limitations of the claimed invention.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Patricia T Nguyen whose telephone number is (703) 308-1927. The examiner can normally be reached on 6:30 AM - 5:00 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Robert Pascal can be reached on 703-309-4940. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Art Unit: 2817

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

PTN

November 15, 2004

PATRICIA NGUYEN
PRIMARY EXAMINER

Patricia Ngruger